received for allocating of Naptha for 3434 MW projects being identified in the state under private sector; and

(b) by when, Government will be able to meet the entire requirement of the Naptha for the power stations in the state?

THE MINISTER OF POWER (SHRI R. KUMARAMANGALAM): (a) and (b) In order to meet the energy shortage in the short run a liquid fuel based power capacity of 12,000 MW has been planned for the whole country. Out of this, Rajasthan was allotted a share of 1415 MW and based upon the State Government's recommendations, liquid fuel linkages have already been issued to various projects. As per the revised liquid fuel policy, recently announced, the existing ceilings would apply only to neptha and states would be free to contract for new power projects based on FO and non traditional fuels like condensate and orimulsion.

Thermal Hydro Ratio in Power Generation

3136. SHRI NILOTPAL BASU: Will the Minister of POWER be pleased to state:

(a) the present Thermal hydro ratio in power generation in the country;

(b) the steps taken to improve and promote hydro-power generation;

(c) the new hydro power projects in the pipeline with capacity and expected date of commissioning; and

(d) the envisaged thermal hydro ratio after IXth Plan?

THE MINISTER OF POWER (SHRI R. KUMARAMANGALAM): (a) As per the installed capacity as on 31.3.1998 share of hydro as percentage of the total installed capacity works out to 24.8%.

(b) Government has taken several measures for accelerating the growth of hydro power development. These include higher budgetary support to Central Public Sector Undertakings like National Hydroelectric Power Corporation Ltd. (NHPC). North Eastern Electric Power Corporation (NEEPCO) and Tehri Hydro Development Corporation (THDC), advance action for new hydel projects, liberalised policy to attract private sector participation and action plan for hydro power development in North Eastern Region. Government had also appointed Sambamurti Committee in August 1996 to examine the issues which have retarded development of the hydro projects and suggest measures for their development. The Committee in its report submitted to the government has offered various suggestions for accelerating hydro power development which have been examined and incorporated in the draft National Hydro Power Policy presently under finalisation.

(c) At present 61 sanctioned hydro-electric projects are available for execution. Details of these projects indicating the capacity and expected date of commissioning are indicated in the enclosed Statement. (*See* below)

(d) The envisaged thermal (including nuclear)—hydro ratio after 9th Plan is 75:25.

Statement

Status of Sanctioned H.E. Projects
Status as on 01.07.98

Sl. No.	Name of Project/ State Installed Capacity (MW)	Expected date of Commissioning
CENTRAL		
1.	Naptha Jhakri (NJPC) H.P./6×25	2001-02
2.	Dulhasti (NHPC) J&K/3×130 (Bilateral)	2001-02
3.	Tehri St. I (THDC) U.P./4×250	2001-02
4.	Dhauliganga-I (NHPC) U.P./4×70	2004-05

Sl. No.	Name of Project/ State Installed Capacity (MW)	Expected date of Commissioning
5.	Koel Karo (NHPC) Bihar/ 4×172.5+1×20	7 Years from date of start
6.	Rangit-III (NHPC) Sikkim/3×20	1999-2000
7.	Doyang (NEEPCO) Nagaland/3×25	1998-2000
8.	Ranganadi (NEEPCO) Ar. Pd./3×135	1999-2001
	STATE SECTOR NORTHERN REGION	
9.	Ghanvi H.P./2×11.25	1999-2000
10.	Uhl-III H.P./4×17.5	Beyond 9th Plan
11.	Larji H.P./3×42	Beyond 9th Plan
12.	Upper Sindh-II J&K/2×35	1998-2000
12(a).	Upper Sindh Extn. J&K/1×35	1999-2000
13.	Ishanganga J&K/3×110	Beyond 9th Plan
14.	Sewa St. III J&K/3×3	1998-99 (Critical)
15.	Chennai St. III J&K/3×2.5	1998-99 (Critical)
16.	Ranjit Sagar Punjab/4×150	1998-2000
17.	Shahpurkandi Punjab/ 2×40+2×40+1×8	Beyond 9th Plan
18.	Sobla U.P./2×3	1998-99
19.	Lakhwar Vyasi U.P./3×100+2×60	Beyond 9th Plan
20.	Maneri Bhali-II U.P./4×76	9th Plan
21.	Jakham Rajasthan/2×2.5	Beyond 9th Plan

Sl. No.	Name of Project/ State Installed Capacity (MW)	Expected date of Commissioning
	WESTERN REGION	
22.	Sardar Sarovar Guj/M.P./Mah. (6×200+5×50) (Joint project of Guju./M.P./ Mah. in ration of 16:57:27)	1999-2002 [CHPH: All 5 Units RBPH: 4 Units in 9th Plan]
23.	Bansagar Tons PH. I, II & III M.P./ 3×105+2×15+3×20	2000-02
24.	Bansagar Tons PH IV M.P./2×10	2001-02
25.	Indira Sagar (Narmada Sagar) M.P./8×125	2001-02 (2 units in 2001-02 and balance in 10th Plan)
26.	Rajaghat U.P./M.P./3×15 ratio of 50 : 50	1999-2000
27.	Koyna St. IV Mah./4×250	1999-2001
28.	Dudhaganga Mah./2×12	1998-2000
29.	Ghatghar PSS Mah./2×125	2002-03
	SOUTHERN REGION	
30.	Srisailam LBPH A.P./6×150	1999-2002
31.	Singur A.P./2×7.5	1998-2000
32.	A.P. Power House at Balimela A.P./2×30	10th Plan
33.	Kalinadi St. II Ktk./3×40+3×50	1997-2000
34.	Brindavan Ktk./2×6	10th Plan
35.	Sharavathi T.R. Ktk./4×60	2000-02
36.	Malankara (Muvathupuzha) Ker./3×3.5	2001-02

Sl. No.	Name of Project/ State Installed Capacity (MW)	Expected date of Commissioning
37.	Kakkad Ker./2×25	1999-2000
38.	Kuttiyadi Tail Race Ker/3×1.25 MW)	2000-01
39.	Poringalkuthu LB Ext. Ker./1×16	1998-99
40.	Kuttiyadi Extn. Ker/1×50 MW	2000-01
41.	Sathanur Dam T.N./1×7.5	1998-99
42.	Parson's Valley (Kundah-V Extn.) T.N./1×30	1999-2000
43.	Pykara Ultimate St. T.N./3×50	1999-2001
	EASTERN REGION	
44.	Chandil Bihar/2×4	1999-2000
45.	North Koel Bihar/2×12	1999-2000
46.	Upper Indravati Orissa/4×150	1999-2000
47.	Potteru Orissa/1×3+1×3	1998-99
48.	Balimela Extn. Orissa/2×75	9th Plan
49.	Teesta Falls I-III W.B./3×3×7.5	1999-2000
50.	Ramman St. I W.B./3×12	10th Plan
51.	Purulia PSS W.B./4×225	2002-04
52.	Kalpong A&N/5.2	10th Plan
	NORTH-EASTERN REGION	
53.	Karbi Langoi [Lower Borpani] Assam/2×50	10th Plan
54.	Dhansiri Assam/5×3×1×33	10th Plan
55.	Rolep-I Sikkim/2×3	10th Plan
56.	Likim Ro Nagaland/3×8	2000-01
	PRIVATE SECTOR	
57.	Baspa St. II H.P./3×100	Beyond 9th Plan
58.	Vishnu Prayag U.P./4×100	Beyond 9th Plan
59.	Srinagar U.P./5×66	Beyond 9th Plan
60.	Maheshwar M.P./10×40	2001-02
61.	Bhivpuri PSS Mah./1×90	9th Plan

Establishment of Central and State ERCS

3137. SHRI S.M. KRISHNA: Will the Minister of POWER be pleased to state:

(a) whether Government have chalked out a major policy package designed to speed up investment in power sector;

(b) if so, the details thereof; and

(c) by when Government propose to enact laws to establish Central Electric Regulatory Commission and State Electricity Regulatory Commission?

THE MINISTER OF POWER (SHRI R. KUMARAMANGALAM): (a) and (b) The government have taken a number of initiatives to boost private investment in the power sector. The initiatives taken and underway include liberalising the scope of automatic approval for foreign direct investment, simplification of procedure for issue of counter guarantee, improving the procedures for competitive bidding, credit enhancement of SEBs by encouraging reforms and modifications in the policy on the use of liquid fuels for power generation.

(c) The Electricity Regulatory Commission Act (14 of 1998) enables the